

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

**[REMAINING WORK]** SUMMARY OF COST

S #	SUB HEAD	TOTAL AMOUNT
1	Cost of Civil Work (Scheduled Items) (Page No. 02 - 04)	Rs=
2	Cost of Civil Work (NSI) (Page No. 05 - 06)	Rs=
	Sub Total of Civil Work	<b>(A)</b> _____
3	Cost of Plumbing Work (Scheduled Items) (Page No. 07 - 09)	Rs=
4	Cost of Plumbing Work (NSI) (Page No. 10 - 11)	Rs=
	Sub Total of Plumbing Work	<b>(B)</b> _____
5	Cost of Electrical Work (Scheduled Items) (Page No. 12 - 13)	Rs=
6	Cost of Electrical Work (NSI) (Page No. 14 - 15)	Rs=
	Sub Total of Electrical Work	<b>(C)</b> _____
7	Cost of External Development Work (Page No. 16 - 19) "D"	Rs=
<b>Total Cost of Work (A+B+C+D)=</b>		<b>Rs=</b>

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

BUILDING WORK**[REMAINING WORK] BILL OF QUANTITIES**

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	<b>G.I.FRAMES FOR DOOR</b> Providing and fixing G.I. Frames / Choukhats of size 7" X 2" or 4½ X 3" for door using 20 gauge G.I. sheet including welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also includes all carriage tools and plants used in making and fixing. (Page No. 92, Item No. 29)	23.00	Per Rft	228.90	5,264.70
2	<b>FLUSH DOOR</b> First class deodar wood wrought, joinery in doors and windows etc. fixed in position including chowkats hold fasts hinges, iron tower bolts, chocks cleats handles and cords with hooks, etc. (Page No. 57, Item No. 7b)  Rate of Door: Rs. 1,227.36 - G.I. Frame Rs. 228.90 = Door & Windows (Rs. 998.46)	2,308.00	Per Sft	998.46	2,304,445.68
3	<b>COLLAPSIBLE GATE</b> Providing and fixing iron collapsible gate with channel framing of section 3/4" x 5/16" at 4" I/c revitted with ¾" x 1/8" flat iron patti placed diagonally and provided with top & bottom T-section 1" x 1" 1/8" along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc, completed. (Page No. 94, Item No.32)	493.00	Per Sft	387.04	190,810.72
4	<b>ALUMINUM WINDOWS / VENTILATORS</b> Supply & fixing Deluxe Model (Bronze) in position Aluminum channels framing for sliding windows & ventilators of Alcop made with 5mm thick tinted glass glazing (Belgium) & Aluminum fly screen including handless stoppers & locking arrangement etc. complete (Page No. 107, Item No. 84(b))	5,656.00	Per Sft	1,647.69	9,319,334.64

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BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
5	<b>TILES</b> Laying floor of approved with glazed / porcelain tile ¾" thick in white cement 1:2 over ¾" thick cement mortar 1:2. complete. (Page No. 42, Item No. 24)	440.00	%Sft	27,678.86	121,786.98
6	<b>WEATHER COAT</b> Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing brick / sand paper, filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. (Page No. 55, Item No. 38-a&b)	18,485.00	%Sft	2,567.95	474,685.56
7	<b>ENAMEL PAINT ON WOOD WORKS</b> Preparing surface and painting of doors and windows any type (including edges) 3 Coats (Page No. 68, Item No. 5-C-i-ii)	4,616.00	%Sft	2,116.41	97,693.49
8	<b>WOODEN ARCHITRAVE</b> Providing and fixing with sunk iron screws wooden Architrave approved design / shape having width not less than 2½ inches as directed by Engineer-in-Charge. (Page No. 65, Item No. 60)	522.00	Per Rft	49.97	26,084.34
9	<b>GLAZED CERAMIC TILE (BATHROOM)</b> Laying floors of approved coloured glazed tiles ¾" thick laid in white cement and pigment on a bed of ¾" thick cement mortar 1:2. (Page No. 42, Item No. 25)	1,755.00	%Sft	27,747.06	486,960.90
10	Glazed tile dado ¾" thick laid in pigment over 1:2 cement sand mortar ¾" thick including finishing. (Page No. 44, Item No. 38)	6,279.00	%Sft	28,299.30	1,776,913.05

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BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
11	<b>IRON GRILL</b> Providing and fixing iron steel grill using solid square bars of size ½" X ½" placed at 4" including and frame of flat iron patti of ¾" X ¾" including circle shape at 1-0 apart equivalent fitted with screws are pins with painting 3 coats with 1st coat of red oxide paint etc. (Page No. 93, Item No. 30)	7,275.00	Per Sft	194.16	1,412,514.00
12	<b>COMPOUND WALL</b> <b>ANGLE IRON FOR BARBED WIRE</b> Providing and fixing angle iron vertical posts for barbed wire fencing of size 2" X 2" ¼" embedded in RCC masonry pillars i/c making cuts / holders @ 12" i/c fixing in pillars by chiseling and filling with cement sand mortar spreading & finishing the surface. (Page No. 94, Item No. 8)	590.00	Per Rft	169.18	99,816.20
13	<b>BARBED WIRE</b> Providing and fixing barbed wire fencing with 12 gauge 4 points @ 6" apart barbed wire i/c straightening and fixing in angle iron vertical posts. (Page No. 95, Item No. 9)	2,955.00	Per Rft	8.38	24,762.90
Sub Total				Rs=	16,341,073.16
_____ above / below					
Cost of Civil Work (Scheduled Items)					

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

Non-Schedule Items (Civil Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
14	<b>GRAFFITO</b> P/A Graffito $\frac{3}{8}$ " X $\frac{1}{2}$ " thick the product composed of material marble guard stone, iron oxide detonium HSC natural colour, chip and pigments ammonia nitrogen jelicoal heated on high temperature on ultra violet mixed with acrylic resisting anti bacterial 7 fungal addities and anti fuming against alkali, showing no blistering wrinkling or lifting after application, resistant to accelerated weather changed and resistant to water head of 100 liters per 8 hours drying time having touch dry from 4 to 8 hours and full dry in 72 hours the specific gravity varies from texture to texture from 2.5 to 2.8. complete in all respect as per instructions of the Engineer-in-Charge.	7,800.00	Sft		
15	<b>FACING TILE</b> Providing and fixing best quality approved Facing Tiles 24" X 24" of approved pattern and colour on $\frac{3}{4}$ " thick cement plaster base ratio 1:4 (with matching colour slurry) upto any height. Complete in all respect as per drawings, specifications and instructions of the Engineer-in-Charge.	650.00	Sft		
16	<b>ROOM DOOR LOCKS</b> Providing and fixing with C.P brass screws carona, yale lock of approved design, manufacturer, and colour Japan make, cutting wood to required shape and size with three operating keys. complete in all respect as per specification, drawings and instructions of the Engineer-in-Charge.	66	Each		

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BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

Non-Schedule Items (Civil Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
17	<b>S.S. STAIRCASE RAILING (Dull Finish)</b> Providing Fabricating and fixing staircase railing with 2" Dia S.S 16" gauge Hand Railing as per detail on drawing embedded properly in RCC work, specifications and as directed by Architect / Engineer-in-Charge. (all levels)	170.00	Per Rft		
18	<b>PVC RAIN DOWN PIPE</b> Providing and fixing 3" dia polyvinyl chloride rain water down pipe including tees, socket, bend and clamp bolts etc, complete in all respect as per instruction by the Architect / Engineer. (DADEX or approved equivalent) upto any height and floor.	150.00	Per Rft		
19	<b>DOOR CLOSER</b> Providing and fixing with brass screws or specially supplied screws hydraulic door closer Rayobi, Yale or approved manufacturer Japan make, cutting wood etc to required shape and size. Complete in all respect as per specification, drawings and instructions of the Engineer-in-Charge.	5	Each		
<b>Cost of Civil Work (Non-Schedule Items)</b>				<b>Rs=</b>	

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

(Plumbing Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
20	<b>PAKISTANI WC</b> Providing and fixing squatting type white glazed earthen ware W.C. Pan with front flush inlet and complete with including the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth and floor for pipe connection and making good in cement concrete 1:2:4 (foreign equivalent) with 4" dia C.I. Trap (Page No. 1, Item No. 2-a)	21	Each	5,728.80	120,304.80
21	<b>EUROPEAN WC</b> Providing and fixing European white glazed earthen ware wash down W.C. Pan complete with and including the cost of white / black plastic seat (best quality) and lid with c.p. brass hinges and buffers, 3 gallons white glazed earthen ware low level flushing cistern with siphon fitting 1½" dia white porcelain enamelled flush bend ¾" dia and making requisite number of holes in walls plinth and floor for pipe connections and making good in cement 1:2:4 (foreign quality) Vol-III, PartV-B, Page No. 2, Item No. 5.	4	Each	11,477.40	45,909.60
22	<b>LAVATORY BASIN</b> Providing and fixing 24" X 18" lavatory basin in white glazed earthen ware complete with & including the cost of W.I. or C.I. cantilever brackets 6" built into walls painted white in two cats after a primary coat of red lead paint a pare of ½" dia rubber plug and chrome plated brass chain 1¼" dia malleable iron or brass unions and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4 (foreign equivalent) Vol-III, PartV-B, Page No. 3, Item No. 10.	17	Each	4,928.00	83,776.00

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

(Plumbing Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
23	Add extra for labour for providing & fixing of earthen ware pedestal white or coloured glazed (foreign or equivalent) Vol-III, PartV-B, Page No. 3, Item No. 11.	17	Each	153.07	2,602.19
24	Providing and fixing 6" x 2" or 6" x 3" C.I. floor trap of the approved self cleaning design with a C.I. screwed down grating with or without a vent arm complete with and including making requisite number of holes in walls, plinth and floor for pipe connection & making good in cement concrete 1:2:4. Vol-III, PartV-B, Page No. 6, Item No. 20.	50	Each	2,042.43	102,121.50
25	Providing and fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connection. Vol-III, PartV-B, Page No. 6, Item No. 23.	42	Each	447.15	18,780.30
26	Supplying and fixing long bib cock of crystal head with C.P. 1/2" dia. Vol-III, PartV-B, Page No. 19, Item No. 13.	25	Nos	1,109.46	27,736.50
27	Supplying and fixing concealed stop cock of superior quality with crystal head 1/2" dia. Vol-III, PartV-B, Page No. 18, Item No. 11-a.	42	Nos	478.28	20,087.76
28	Supplying and fixing swan type pillar cock of superior quality with crystal head. Vol-III, PartV-B, Page No. 19, Item No. 16-b.	<u>25</u>	Nos	877.80	21,945.00
29	<b>SOAP TRAY</b> Supplying and fixing soap tray earthen ware with each CP Screws etc. complete. CH-II-Page No. 8, Item No. 5)	2	Each	497.20	994.40



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BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

(Plumbing Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
30	<b>HANDLE VALVE</b> Providing and fixing handle valves (china) with wheels, threaded or flanged ends with rubber washers (standard pattern)				
a	CH-VI-Page No. 17, Item No. 5-ii	2	Each	271.92	543.84
b	CH-VI-Page No. 17, Item No. 5-iii	6	Each	365.42	2,192.52
31	Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long C.P. brass screws. ii, Towel rail 30" long, 3/4" dia round or square (S.I.No.1-ii-a/p-7) (Standard pattern)	<u>2</u>	Nos	1,082.95	2,165.90
32	Providing and fixing bavelled edge mirror of Belgium glass complete with 1/8" thick hardboard and C.P. screws fixed to wooden plate. (S.I.No.3-b/a-7) (Standard pattern).	17	Nos	1,711.60	29,097.20
33	Construction of main hole or inspection chamber for the required dia for sewer and 3'-6" depth with walls of 13.13 cement mortar 1:3 1/2" thick cement plaster c/c main hole cover and c/c with framed 1/2" 11/2" c.c 1:2:4 and c/c duly painted etc. (S.HO=1 PNO=39 PHE)	56	Nos	14,748.00	825,888.00
34	<b>RCC PIPE</b> Providing 9" dia RCC Pipe with collars class 'B' and digging the trenches to required depth and fixing imposition including cutting, fitting and jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe and refilling with excavated stuff. (CH-X-Page No. 23, Item No. 2-d)	1,050.00	Rft	250.60	263,130.00
Sub T otal				Rs=	1,567,275.51
___ % above / below				Rs=	
Cost of Plumbing Work (Scheduled Work)				Rs=	

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

(Plumbing Works) NSI

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
35	P/F uPVC Pipe of such 80 i/c cutting fitting complete and including the cost of breaking through wall and roof and making good with CC and testing with water to pressure head of 200 feet and handling etc. complete				
a	½" Ø	200	Rft		
b	¾" Ø	350	Rft		
c	1" Ø	700	Rft		
36	P/F uPVC socket of schedule 80 i/c fitting etc. complete as directed by Engineer-in-Charge.				
a	½" Ø	10	Each		
b	¾" Ø	18	Each		
c	1" Ø	40	Each		
37	P/F uPVC elbow of schedule 80 i/c fitting etc. complete as directed by Engineer-in-Charge.				
a	½" Ø	10	Each		
b	¾" Ø	18	Each		
c	1" Ø	40	Each		
d	4" Ø	45	Each		
38	P/F uPVC tee of schedule 80 i/c fitting etc. complete as directed by Engineer-in-Charge.				
a	½" Ø	10	Each		
b	¾" Ø	18	Each		
c	1" Ø	40	Each		

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

(Plumbing Works) NSI

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
39	P/F 1" uPVC union of schedule 80 i/c fitting etc. complete as directed by Engineer-in-Charge.	6	Each		
40	P/F uPVC clamp of schedule 80 i/c fitting etc. complete as directed by Engineer-in-Charge.				
a	½" Ø	10	Each		
b	¾" Ø	18	Each		
c	1" Ø	40	Each		
41	P/F uPVC bush of schedule 80 i/c fitting etc. complete as directed by Engineer-in-Charge.				
a	½" Ø	15	Each		
b	¾" Ø	15	Each		
c	1" Ø	15	Each		
42	P/F uPVC end cap of schedule 80 i/c fitting etc. complete as directed by Engineer-in-Charge.				
a	½" Ø	15	Each		
b	¾" Ø	15	Each		
c	1" Ø	15	Each		
43	<b>UPVC PIPES</b> Providing and fixing 4" dia un plasticized Polyvinyl Chloride Pipe (U.P.V.C) class 'B' for cold & hot water with fitting tees, bends, elbows, sockets, reducing sockets, union (all specials) and clamps including fixing cutting and fitting etc. breaking through walls, beams and chase cutting etc. and making good condition. complete in all respect as per instructions of the Architect / Engineer - in - Charge. (DADEX or approved equalvent)	800.00	Per Rft		
Cost of Plumbing Work (NSI)				Rs=	

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

(Electrical Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
44	<b>WIRING</b> Wiring for light or fan point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required.(Page No. 15, Item No. 124)	100.00	Per Point	1,130.00	113,000.00
45	Wiring for Plug point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required.(Page No. 15, Item No. 125)	50.00	Per Point	669.00	33,450.00
46	Wiring for call bell point 3/.029 PVC insulated wire in 20 mm (3/4") channel patti on surface as required (Page No. 15, Item No. 131)	12.00	Per Point	1,590.00	19,080.00
47	<b>CEILING ROSE</b> Providing and fixing bakelite ceiling rose with two terminals (Page No. 330, Item No. B-228)	12	Each	72.00	864.00
48	<b>CEILING FAN</b> Providing and fixing brass ceiling fan 56" i/c Fan Clamp good and best approved quality locally manufactured sweep ceiling fans complete with required down rod, blades, flexible cord PVC / PVC required to connect the fan etc. (Page No. 34, Item No. C-235)	162	Each	3,185.00	515,970.00
49	<b>WIRING FOR LIGHT CIRCUIT</b> Providing & Laying (Main or Sub Main) PVC insulated with size 2-3/.036 copper conductor wire in ¾" dia PVC conduit on surface. (Page No. 1, Item No. 2)	20.00	Per Meter	139.00	2,780.00
50	<b>MAIN / SUB MAIN</b> Providing and laying (MAIN or SUB MAIN) PVC insulated with size 2-7/044 6mm <sup>2</sup> copper conductor in 1" dia PVC conduit on surface. (Page No. 1, Item No. 5)	400.00	Per Meter	305.00	122,000.00

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BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

(Electrical Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
51	Providing and laying (MAIN or SUB MAIN) PVC insulated and PVC sheathed 4 core armoured copper conductor 600/1000 volts size 16 mm <sup>2</sup> . (Page No. 13, Item No. 113)	200.00	Per Meter	1,679.00	335,800.00
52	Providing and fixing one way SP 5 amp switch flush type (Page No. 330, Item No. 219)	422	Each	54.00	22,788.00
53	Providing and fixing 3 pin 5 amp plug & socket flush type (Page No. 330, Item No. 223)	190	Each	91.00	17,290.00
54	Providing and fixing 3 pin 10/15 amp plug & socket flush type (Page No. 330, Item No. 224)	30	Each	151.00	4,530.00
55	Providing and fixing circuit breaker 6,10,15,20,30,40,50 & 63 amps DP (TB-55 )on prepared board as required. (Page No. 31, Item No. 204)	140	Each	2,456.00	343,840.00
56	Providing and fixing circuit breaker 3 5 10 15 20 30 amps TP (XS-30 SN) (NB) on prepared board as required. (Page No. 31, Item No. 205)	3	Each	5,301.00	15,903.00
57	Providing and fixing circuit breaker 15 20 30 40 50 60 amps TP (XE-100 CS) (CB) on prepared board as required. (Page No. 31, Item No. 206)	3	Each	5,221.00	15,663.00
58	125, 150, 200 & 225 amps TP (XS-225 NS) on prepared board as required. (Page No. 31, Item No. 208)	1	Each	25,541.00	25,541.00
59	Providing and laying (MAIN or SUB MAIN) PVC insulated and PVC sheathed 4 core armoured copper conductor 600/1000 volts size 120 mm <sup>2</sup> . (Page No. 14, Item No. 119)	80.00	Per Meter	9,606.00	768,480.00
Sub Total				Rs=	2,356,979.00
_____ above / below				Rs=	
Cost of Civil Work (Scheduled Items)				Rs=	

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

BUILDING WORK[REMAINING WORK] BILL OF QUANTITIES

NSI - Electrical Works

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
60	<b>EXHAUST FAN</b> Supply & Installation of 8" dia plastic body exhaust fan including all civil works required for complete installation and including all labour and materials as required. Complete in all respect as per instructions of Engineer-in-Charge.	8	Each		
61	Providing & fixing Cubical type metal sheet Distribution board with locking arrangement as per drawing ,vermin protected duly powder coated paint i/c all fastening material including wiring with suitable gauge PVC x PVC wire complete as required.	12	Per Sft		
62	<b>FAN DIMMER</b> Providing & fixing polycarbonate flame retardant fan dimmer with plate fixed on existing board recessed in wall or column including connection as required. Complete in all respect as per instructions of Engineer-in-Charge.	162	Each		
63	<b>FAN CLAMP BOX</b> Providing & fixing 75 mm X 100 mm X 113 mm size (14SWG) thick recessed type fan clamp box 13 mm dia MS bar fan clamp fixed in roof at casting time as required. Complete in all respect as per instructions of Engineer-in-Charge.	10	Each		
64	<b>LIGHTING</b> Providing and fixing following light and light fixtures. Complete in all respect as per drawing, design, specification and instructions of the Engineer-in-Charge. (all lighting and fixtures should be Philips make or equalvent) Complete in all respect as per instructions of Engineer-in-Charge.				
a	LED size 10" (18 W)	320	Each		
b	LED size 6" (12 W)	56	Each		

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

BUILDING WORK**[REMAINING WORK]** BILL OF QUANTITIES

Non-Schedule Items (Electrical Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
65	<b>EARTHING SET</b> Providing and fixing earthing set with 600 mm X 600 mm X 6 mm copper plate buried in the ground at a depth of 3.6 m or less if water come out from the ground level (with salt and charcoal, or earth chemical powder) etc., making the pit 3.6 m feet deep by excavation of all type of soil (except soft or hard rock) including fixing of 8 SWG copper wire in 13 mm GI pipe. Complete in all respect as per instructions of Engineer-in-Charge.	1	Job		
<b>Cost of Electrical Work</b>				<b>Rs=</b>	

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

EXTERNAL DEVELOPMENT WORK**[REMAINING WORK] BILL OF QUANTITIES**

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	<b>IMPORTED EARTH FILL</b> Filling, watering and ramming earth under floor with new earth (excavated from outside) lead upto one chain and lift upto 5 feet. (Page No. 4, Item No. 22)	150,194.00	%Cft	3,630.00	545,204.22
2	Add: extra lead 6 mile (referred from carriage of materials schedule)	150,194.00	%Cft	771.96	1,159,437.60
3	<b>SITU 1:3:6</b> Cement concrete plain ratio (1:3:6) including placing compacting, finishing and curing complete (including screening and washing at stone aggregate with shuttering (Page No. 15, Item No. 5-h+17/19b(i))	990.00	%Cft	16,183.48	160,216.45
4	<b>SUB FLOORING</b> 3" thick - ratio (1:3:6) Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering (Page No. 15, Item No. 5-h)	7,200.00	%Cft	12,595.00	906,840.00
5	<b>CC TOPPING</b> Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No. 41, Item No. 16-c)	7,928.00	%Sft	3,275.50	259,681.64
6	Providing and laying 3" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (Page No. 41, Item No. 16-d)	44,107.00	%Sft	4,411.82	1,945,921.45
7	<b>BLOCK MASONRY</b> P/L 1:3:6 cement concert solid block masonry wall 6" thick above in thickness set in 1:6 cement mortar in G.F. S/S l/c racking out joints and curing etc. complete. (Page No. 19, Item No. 23)	400.00	%Cft	14,621.64	58,486.56



## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

EXTERNAL DEVELOPMENT WORK**[REMAINING WORK] BILL OF QUANTITIES**

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
8	<b>RCC WORK</b> Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) Page No. 15. Item No. 6.  R.C. work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects.	550.00	Per Cft	337.00	185,350.00
9	<b>STEEL REINFORCEMENT</b> Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (also includes removal of rust from bars) Page No. 16, Item No. 8-b.  Using Tor Bars	35.00	Per Cwt	5,001.70	175,059.50
10	<b>SURFACE RENDERING</b> Cement Plaster 1:5 upto 12' height ¾" thick <u>Wall Plaster</u> (Page No. 51, Item No. 11-d) only for block masonry	1,645.00	%Sft	3,191.76	52,504.45
11	<b>PAVING / TOUGH BLOCKS</b> Providing and fixing cement paving / tough blocks flooring having size of 197 X 197 X 80 (mm) of city / quaddra . Cobble shape with pigmented having strength between 5000 psi to 8500 psi including filling the joints with hill sand and laying in specified manner / pattern and design etc. complete (Page No. 49, Item No. 74)	3,100.00	Per Sft	248.17	769,327.00

## ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

EXTERNAL DEVELOPMENT WORK**[REMAINING WORK] BILL OF QUANTITIES**

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
12	<b>KERB STONE</b> Providing and fixing Precast Edge Block 3750 PSI Industrial made size 6" thick x 12" long x 18" high including the cost of cartage, excavation, form work for haunching 1450 PSI lean concrete, 2250 PSI concrete for huanching, 1:4 cement sand mortar. VOL-III (Part-VI) (Page No. 15, Item No. 14)	2,182.00	Per Rft	297.01	648,075.82
13	<b>SEWAGE MANURE</b> Supplying, stacking and spreading well decayed sewage manure from approved sources including all leads and lifts. (Page No. 103, Item No. 44)	2,850.00	P.Cart Load	298.12	849,642.00
Sub Total				Rs=	7,715,746.69
_____ above / below					
Cost of Civil Work (Scheduled Items)				(A)	

# ESTABLISHMENT OF POLYTECHNIC INSTITUTE (G) AT NEW KARACHI TOWN, KARACHI

## EXTERNAL DEVELOPMENT WORK

### [REMAINING WORK] BILL OF QUANTITIES

Non-Schedule Items (Civil Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
14	<b>SUPPLY GARDEN SOIL (SWEET EARTH)</b> Supply and stacking garden approved garden soil (sweet earth) free from salts, pebbles and grass roots etc. including all leads and lifts. Complete in all respect as per specification and instructions of the Architect / Engineer-in-Charge.	20,905.00	P.Cft		
15	<b>SPREADING GARDEN SOIL (SWEET EARTH)</b> Spreading approved garden soil (sweet earth) in uniform thickness including mixing and breaking clods and dressing fine for grassing including disposal of rubbish with 3 chains (92 m) Complete in all respect as per specification and instructions of the Architect / Engineer-in-Charge.	20,905.00	P.Cft		
16	<b>GRASSING</b> Supply live (Dacca) grass in slabs with earth intact including all lead and lifts.	20,905.0	P.Sft		
17	Grassing fine by dribbling grass roots 3" apart including watering, weeding till such time the grass is set and becomes green and is fit for mowing.	20,905.0	P.Sft		
<b>Cost of Civil Work (Non-Schedule Items)</b>			<b>(B)</b>	<b>Rs=</b>	

**Cost of External Development Work (A+B) =**
**RS=**